

REVISTELE TEHNICE AGIR**Vol. II, No. 6, November - December 1948, Bucharest****Choice of the calculation method and the computation of errors in gears. By B.A. Taits**

The degree of precision of a gear is determined by the operational characteristics of the mechanism, in the form of evaluation of the errors of position, displacement and the no-load run of the kinematic system, and by the determination of the same characteristics with respect to the transmission of force.

It is also necessary to determine the real length of the linear travel, errors of velocity and of acceleration, and the dynamic errors.

Along different lines of thought, the problem is attacked from the point of view of definition of the technological causes of error of these mechanisms, i.e. of the interdependent relationships between the tool machines and the geometric characteristics of the products.